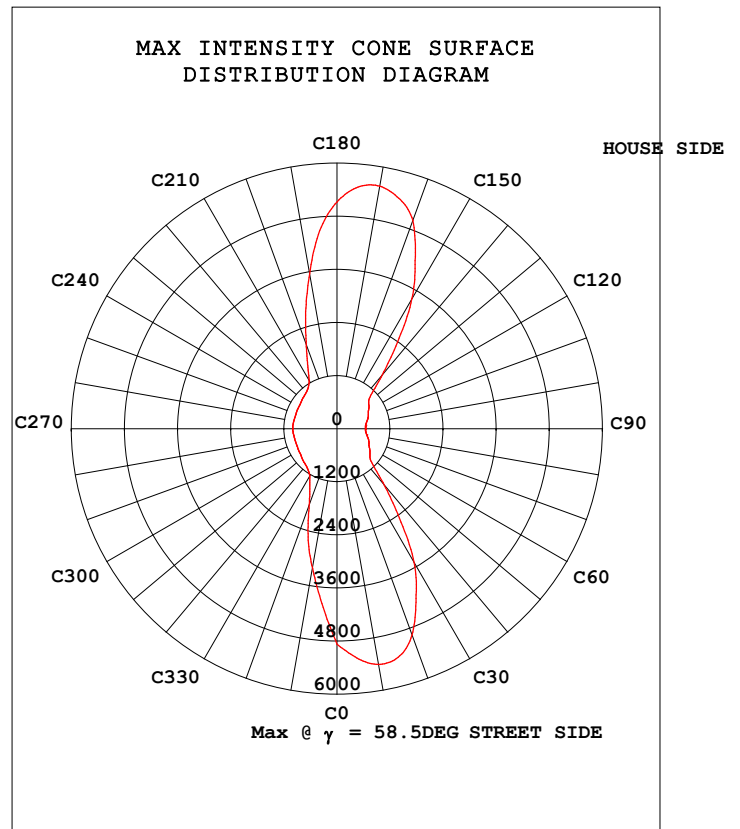
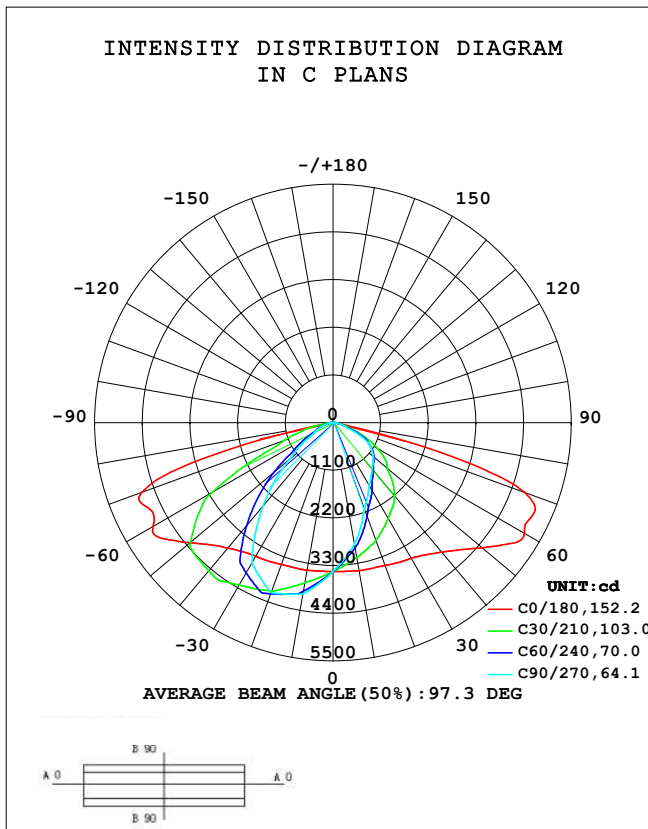


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.8V I:0.3440A P:75.03W PF:0.9881 Lamp Flux:11012.3x1 lm		
NAME: OPCITYIII-75W-4070-6C1T2M-0610	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 146.77 lm/W			
MODEL	LED	Imax (cd)	5566	η street_up (%)	0.0
NOMINAL POWER (W)	75	LOR (%)	100.0	η street_down (%)	50.8
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	11012	η house_up (%)	0.0
NOMINAL FLUX (lm)	11012.3	MAXIMUM @ (C, γ)	170,58.5	η house_down (%)	49.2
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	220	η down (%)	100.0	SLI	18.520



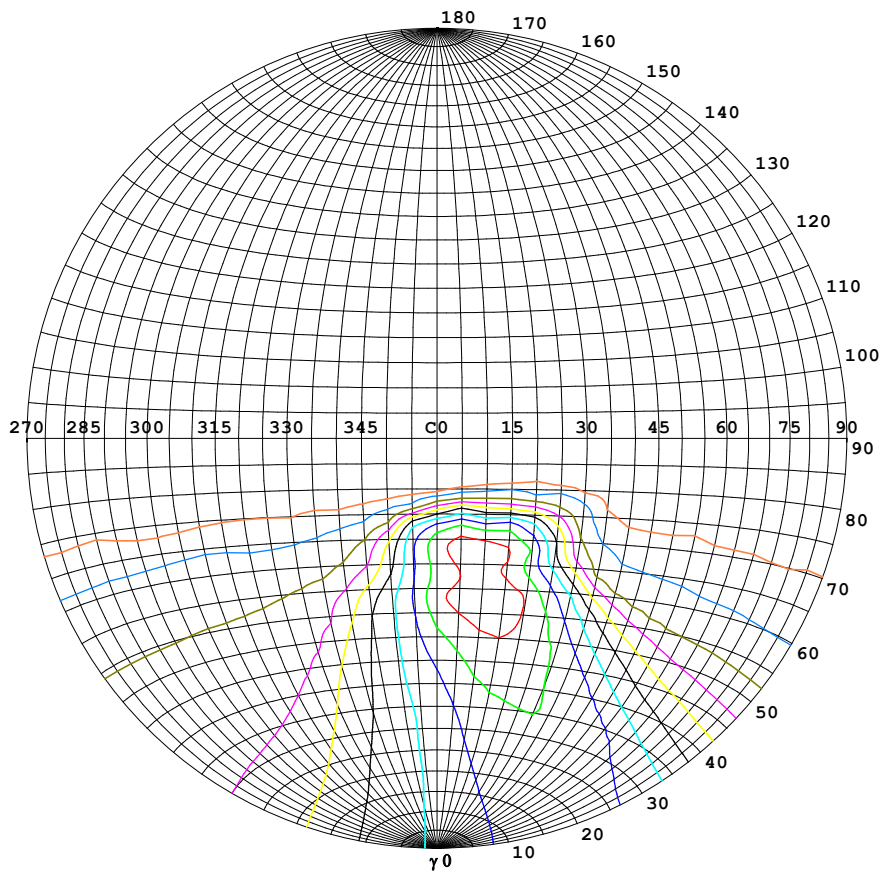
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-08-22

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 7.370m [K=1.0000]
Remarks:

Note: SLI: Specific Luminaire Index

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:220.8V I:0.3440A P:75.03W PF:0.9881 Lamp Flux:11012.3x1 lm		
NAME: OPCITYIII-75W-4070-6C1T2M-0610	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:



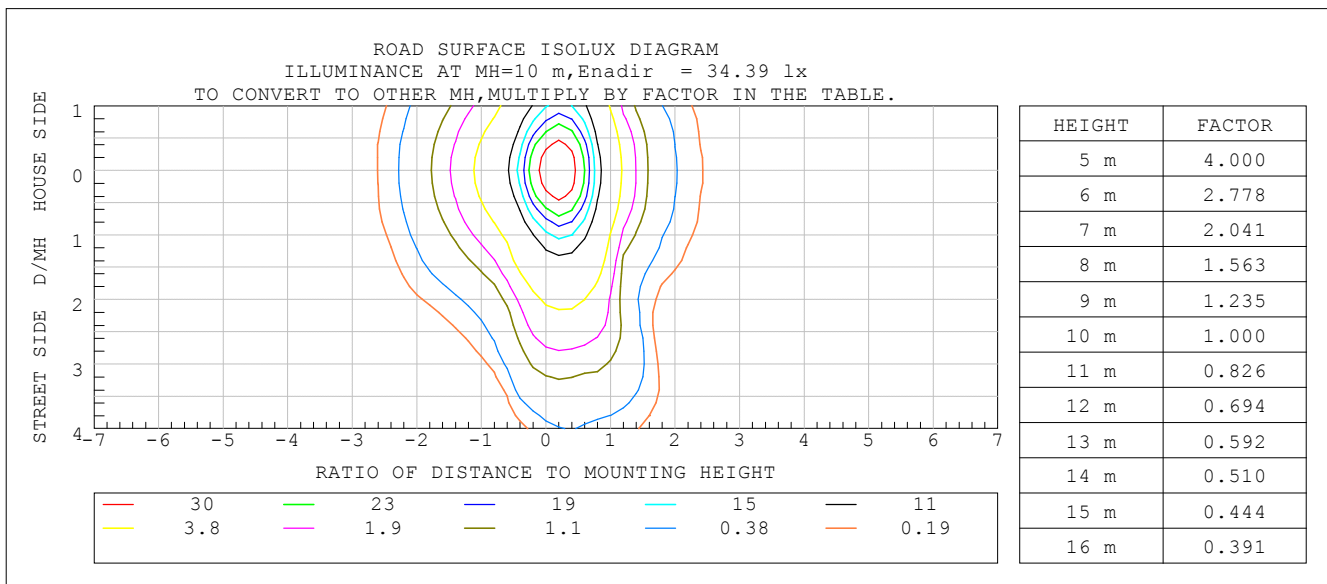
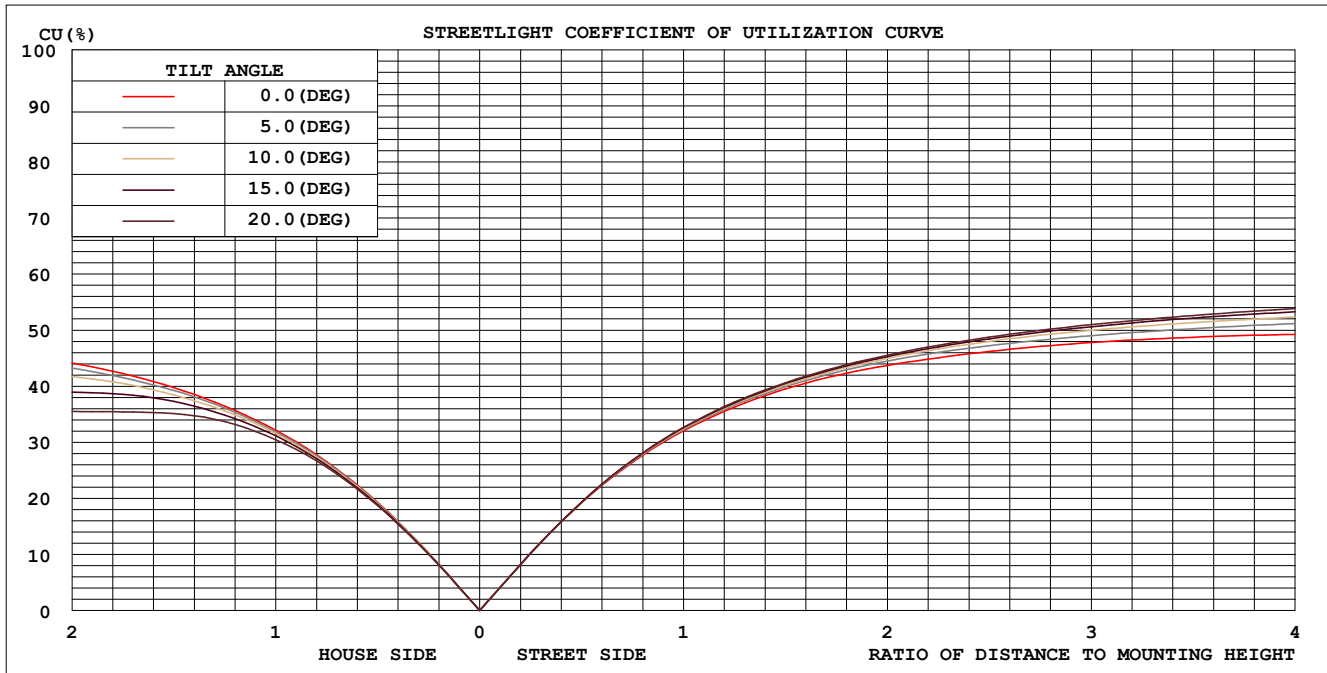
Classification:

IES:Type IV - Short
CIE:Broad - Short
IES:Cut-off
CIE:Semi-cut-off
Max.At80:48.26cd/klm
Max.At90:4.202cd/klm
Max.80-90:48.26cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	5566
90%	5010
80%	4453
70%	3896
60%	3340
50%	2783
40%	2226
30%	1670
20%	1113
10%	557
5%	278

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-22

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-08-22

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 7.370m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:220.8V I:0.3440A P:75.03W PF:0.9881 Lamp Flux:11012.3x1 lm		
NAME: OPCITYIII-75W-4070-6C1T2M-0610	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

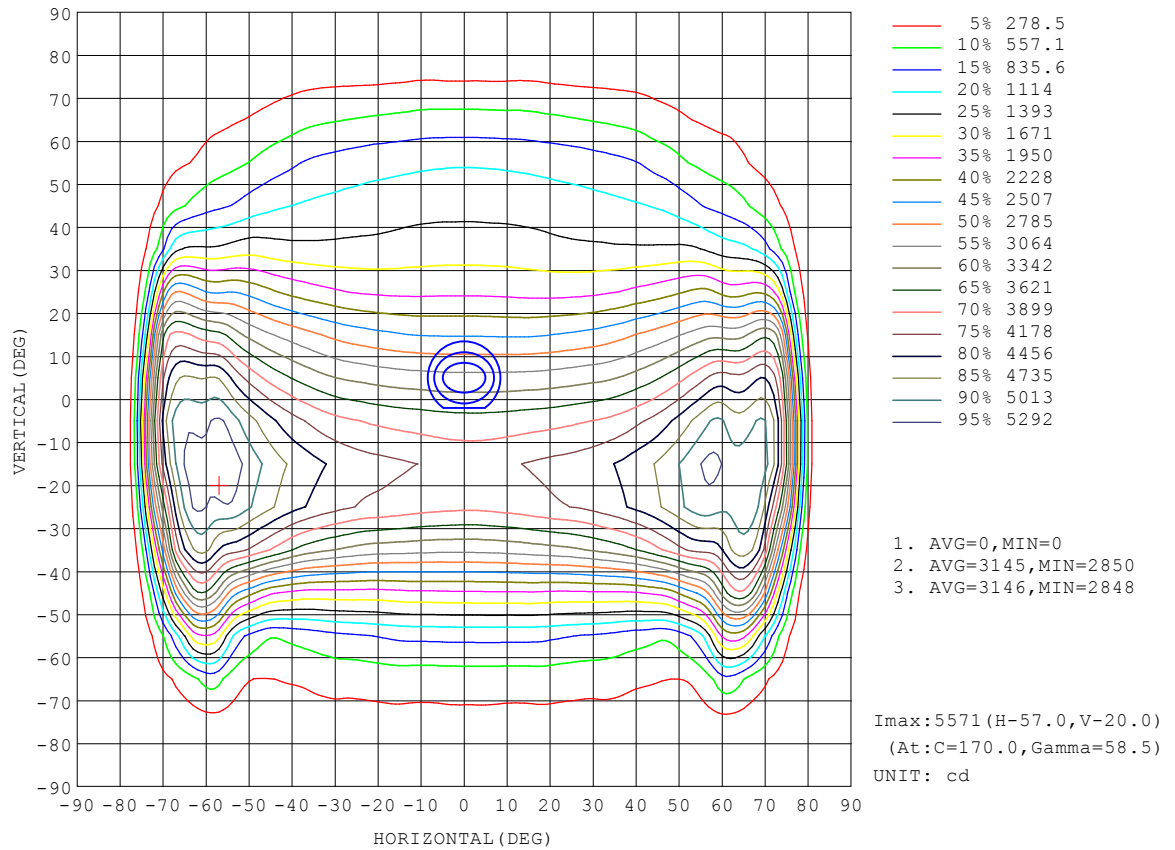
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
5	3442	3644	3727	3648	3446	3234	3146	3231	0- 5	82.21	82.21	0.75,0.75
10	3457	3866	4016	3874	3469	3032	2853	3021	5- 10	246.4	328.6	2.98,2.98
15	3467	4076	4097	4090	3481	2817	2485	2796	10- 15	407.2	735.8	6.68,6.68
20	3484	4184	4179	4189	3509	2554	2117	2519	15- 20	557.4	1293	11.7,11.7
25	3528	4299	3964	4290	3565	2291	1894	2235	20- 25	695.2	1988	18.1,18.1
30	3564	4276	3749	4251	3615	2064	1670	2007	25- 30	815.0	2803	25.5,25.5
35	3638	4125	3133	4083	3725	1825	1536	1782	30- 35	911.5	3715	33.7,33.7
40	3782	3925	2518	3874	3901	1567	1401	1539	35- 40	976.5	4692	42.6,42.6
45	3992	3359	1904	3283	4150	1443	1309	1422	40- 45	1012	5704	51.8,51.8
50	4315	2732	1290	2630	4495	1293	1216	1283	45- 50	1020	6724	61.1,61.1
55	4694	1858	911.4	1782	4891	1161	1089	1161	50- 55	1000	7724	70.1,70.1
60	4801	919.6	532.5	888.6	5099	995.7	962.6	1009	55- 60	952.3	8676	78.8,78.8
65	4691	575.1	407.5	553.2	5081	762.6	657.9	773.4	60- 65	834.4	9511	86.4,86.4
70	4691	337.6	282.4	329.3	4699	491.8	353.2	497.7	65- 70	719.0	10230	92.9,92.9
75	2780	229.3	191.9	225.2	2210	261.9	235.3	257.3	70- 75	519.8	10750	97.6,97.6
80	196.2	140.6	101.3	140.0	122.7	144.9	117.4	142.7	75- 80	202.0	10952	99.4,99.4
85	80.78	38.01	0	38.66	45.80	35.61	0	34.88	80- 85	52.55	11004	99.9,99.9
90	46.28	0	0	0	37.49	0	0	0	85- 90	8.222	11012	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-08-22

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:7.370m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

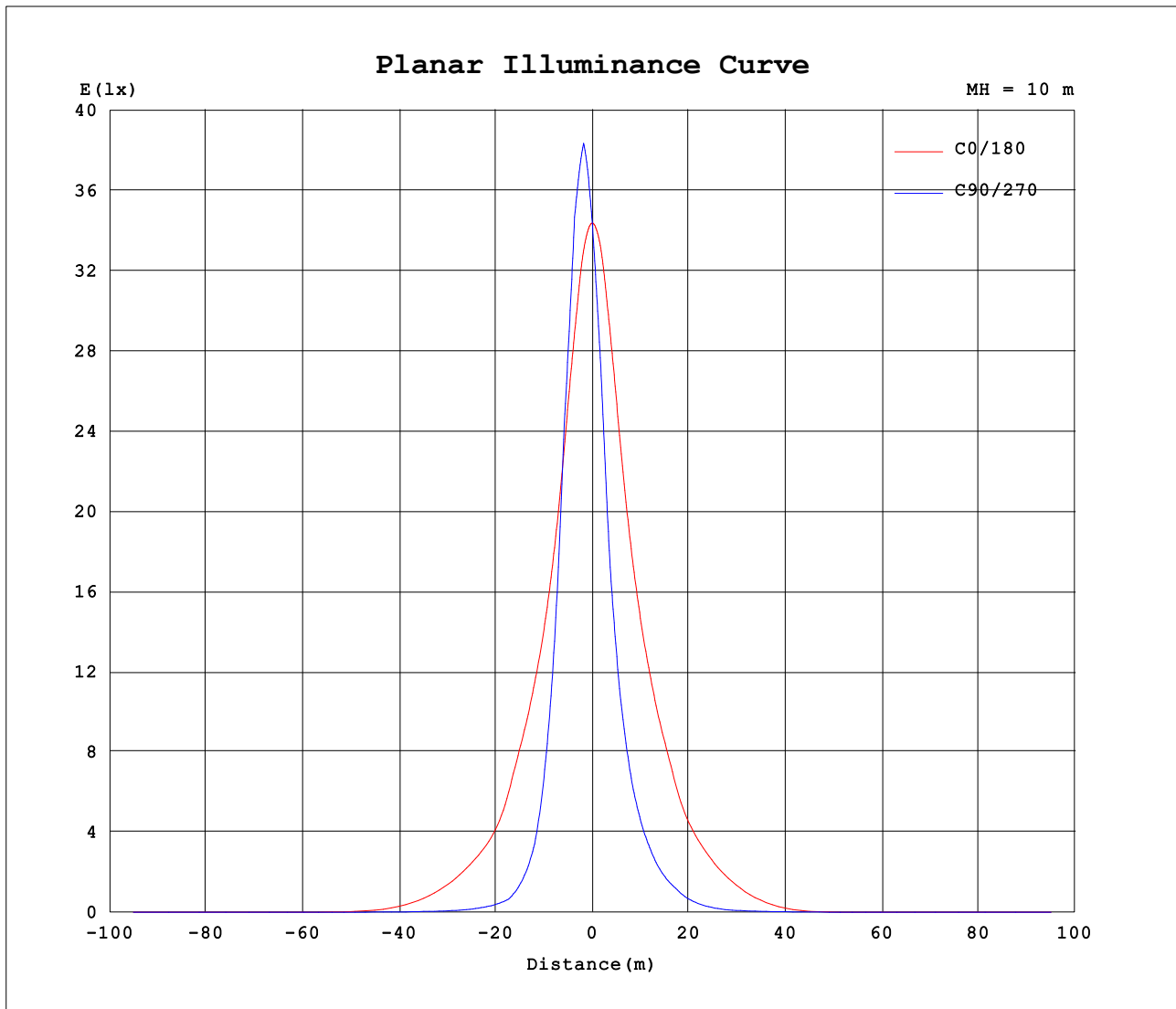
Test:U:220.8V I:0.3440A P:75.03W PF:0.9881 Lamp Flux:11012.3x1 lm		
NAME: OPCITYIII-75W-4070-6C1T2M-0610	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-22

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

Planar Illuminance Curve



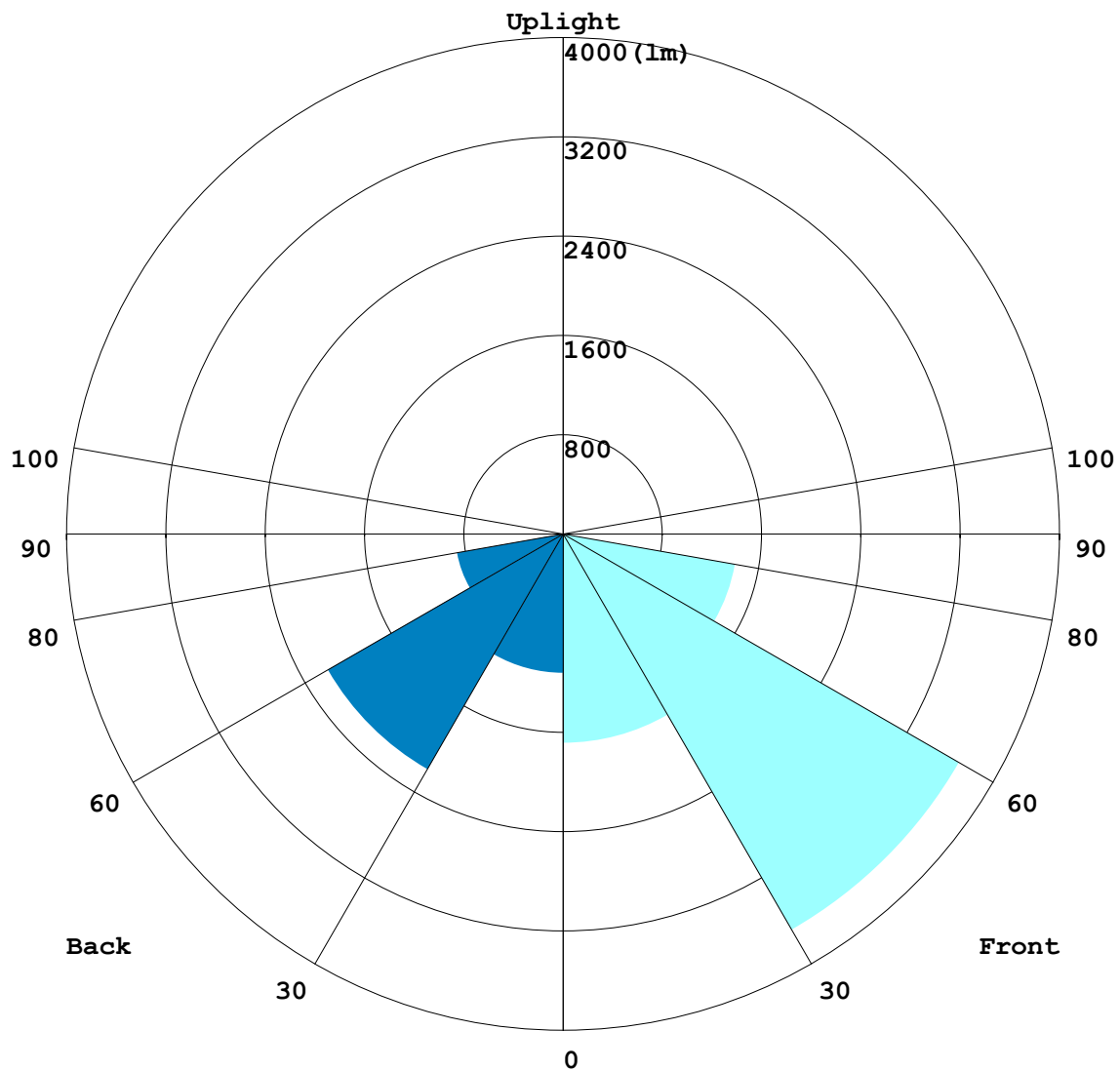
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-08-22

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 7.370m [K=1.0000]
Remarks:

LCS REPORT

Test:U:220.8V I:0.3440A P:75.03W PF:0.9881 Lamp Flux:11012.3x1 lm		
NAME: OPCITYIII-75W-4070-6C1T2M-0610	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-22

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

BUG REPORT

Test:U:220.8V I:0.3440A P:75.03W PF:0.9881 Lamp Flux:11012.3x1 lm		
NAME: OPCITYIII-75W-4070-6C1T2M-0610	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1683	15.3
FM - Front-Medium(30-60)	3683.9	33.5
FH - Front-High(60-80)	1407.5	12.8
FVH - Front-Very High(80-90)	35.221	0.3
Total Forward Light	6809.6	61.8

BL - Back-Low(0-30)	1120.5	10.2
BM - Back-Medium(30-60)	2189	19.9
BH - Back-High(60-80)	867.7	7.9
BVH - Back-Very High(80-90)	25.552	0.2
Total Back Light	4202.8	38.2

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
Total Up Light	0	0.0

BUG(Back,Up,Glare) Rating	B3-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	4202.8	0	4202.8
Street Side	6809.6	0	6809.6

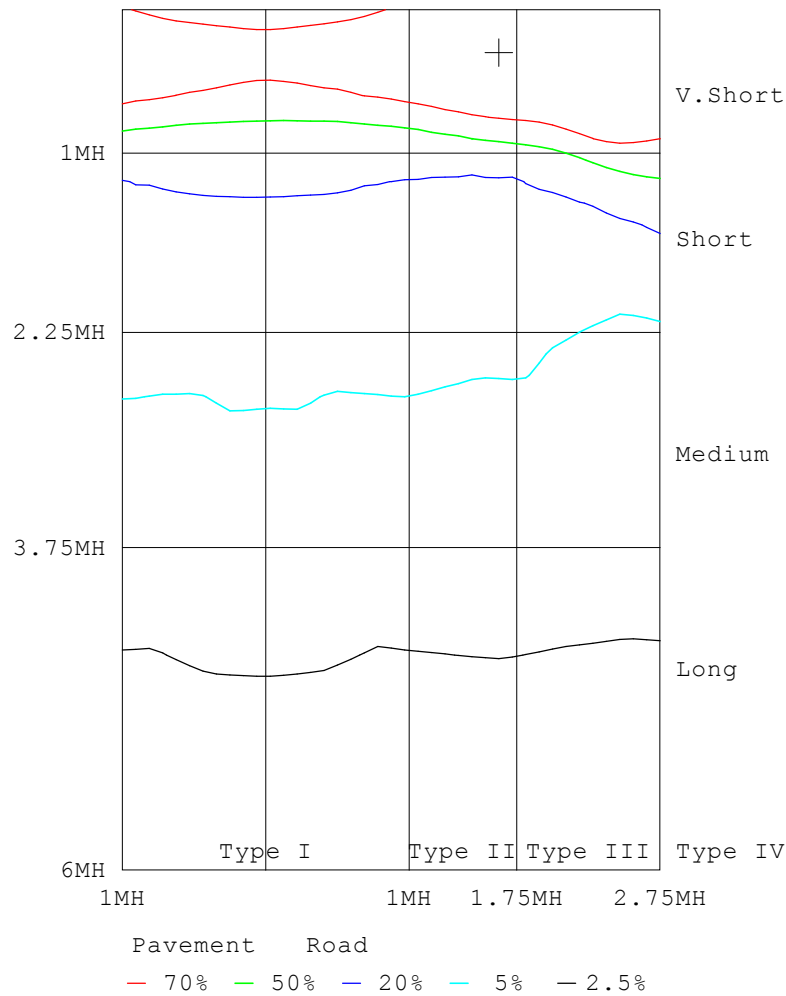
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-22

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:220.8V I:0.3440A P:75.03W PF:0.9881 Lamp Flux:11012.3x1 lm		
NAME: OPCITYIII-75W-4070-6C1T2M-0610	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-22

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```